

PowerMust 424/636/848 LCD



Features

- Compact size
- Excellent microprocessor control guarantees high reliability
- Boost and buck AVR for voltage stabilization
- Auto restart while AC is recovering
- Simulated sine wave
- Off-mode charging
- Cold start function

PowerMust 424/636/848 LCD

Specification

Product type	Uninterrupted power supply; Line-interactive		
Model	PowerMust 424 LCD	PowerMust 636 LCD	PowerMust 848 LCD
Capacity	450 VA / 240 W	650 VA / 360 W	850 VA / 480 W
Input			
Voltage	110/120 VAC or 220/230/240 VAC		
Voltage range	81-145 VAC / 162-290 VAC		
Frequency range	60/50 Hz		
Output			
AC voltage regulation (Batt. mode)	± 10%		
Frequency range (Batt. mode)	50Hz or 60Hz ± 1Hz		
Output waveform (Batt. mode)	Modified sinewave		
Transfer time	Typical 2-6 ms, 10ms max.		
Protection	Discharge, overcharge, and overload protection		
Battery			
Battery type & number	12V/4.5Ah x 1	12V/7Ah x 1	12V/9Ah x1
Recharge time	4-6 hours to 90% after complete discharge		
Back up time (half loading)	8 minutes	6 minutes	3 minutes
Back up time (full loading)	0.7 minutes	0.1 minutes	0.1 minutes
Indicator			
LCD	Display for UPS operating information (incl.C Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Low Battery)		
Audible alarm			
Battery mode	Sounding every 10 seconds		
Low battery at battery mode	Sounding every second		
Fault	Continuously sounding		
Battery weak at AC mode	N/A		
Battery fault at AC mode	N/A		
Battery replacement	Sounding every 2 seconds		
Overload	Sounding every 0.5 second		
Physical			
Dimension, DxWxH (mm)	287 x 100 x 142		
Net weight (kgs)	3.55	4.25	4.9
Environment			
Operating environment	0- 40°C, 0-90 % relative humidity (non-condensing)		
Noise level	Less than 40dBU		
Interface			
Power cord connector	Fixed		
IEC outlet	N/A		
Socket outlet	2x		
Phoneline/Network protection connector	RJ11 (1xin/ 1xout)		
RS-232	N/A		
USB port	1x		
	Compliant OS: Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, and MAC		
Accessories	USB cable x1, Application CD, User guide		